

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10595841
	Filing Date		2004-11-12
	First Named Inventor	Warren T. Johnson	
	Art Unit	1778	
	Examiner Name	D.R. Anderson	
	Attorney Docket Number	2003P87067WOUS	

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	6	256008		1882-04-04	Leak	
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10	3198636		1965-08-03	Bouthilet	
11	3228876		1966-01-11	Mahon	
12	3275554		1966-09-27	Wagenaar	
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14	3462362		1969-08-19	Kollman	
15	3472765		1969-10-14	Budd et al.	
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23	3679052		1972-07-25	Asper	
24	3693406		1972-09-26	Tobin, III	
25	3700561		1972-10-24	Ziffer	
26	3700591		1972-10-24	Higley	
27	3708071		1973-01-02	Crowley	
28	3728256		1973-04-17	Cooper	
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33	3843809	1974-10-22	Luck	
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35	3955998	1976-05-11	Clampitt et al.	
36	3968192	1976-07-06	Hoffman, III et al.	
37	3992301	1976-11-16	Shippey et al.	
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39	4049765	1977-09-20	Yamazaki	
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45	4138460		1979-02-06	Tigner	
46	4157899		1979-06-12	Wheaton	
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48	4188817		1980-02-19	Steigelmann	
49	4190411		1980-02-26	Fujimoto	
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54	4204961		1980-05-27	Cusato, Jr.	
55	4218324		1980-08-19	Hartmann et al.	
56	4226921		1980-10-07	Tsang	
57	4227295		1980-10-14	Bodnar et al.	
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59	4243525		1981-01-06	Greenberg	
60	4247498		1981-01-27	Castro	
61	4248648		1981-02-03	Kopp	
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79	4407975		1983-10-04	Yamaguchi	
80	4414113		1983-11-08	LaTerra	
81	4414172		1983-11-08	Leason	
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87	4476112		1984-10-09	Aversano	
88	4491522		1985-01-01	Ishida et al.	
89	4496470		1985-01-29	Kapiloff et al.	
90	4511471		1985-04-16	Muller	
91	4519909		1985-05-28	Castro	
92	4540490		1985-09-10	Shibata et al.	
93	4547289		1985-10-15	Okano et al.	
94	4609465		1986-09-02	Miller	
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99	4629563		1986-12-16	Wrasidlo	
100	4632745		1986-12-30	Giuffrida et al.	
101	4636296		1987-01-13	Kunz	
102	4642182		1987-02-10	Droni	
103	4647377		1987-03-03	Miura	
104	4650586		1987-03-17	Ellis, III	
105	4650596		1987-03-17	Schlueter et al.	
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109	4670145	1987-06-02	Edwards	
110	4673507	1987-06-16	Brown	
111	4687561	1987-08-18	Kunz	
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114	4689191	1987-08-25	Beck et al.	
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120	4744240	1988-05-17	Reichelt	
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133	4800019		1989-01-24	Bikson et al.	
134	4810384		1989-03-07	Fabre	
135	4812235		1989-03-14	Seleman et al.	
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137	4824563		1989-04-25	Iwahon et al.	
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142	4867883	1989-09-19	Daigger et al.	
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69	20070007205		2007-01-11	Johnson et al.	

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70	20070007214	2007-01-11	Zha et al.	
71	20070039688	2007-02-22	Ginzburg et al.	
72	20070045183	2007-03-01	Murphy	
73	20070056904	2007-03-15	Hogt et al.	
74	20070056905	2007-03-15	Beck et al.	
75	20070075017	2007-04-05	Kuzma	
76	20070084791	2007-04-19	Jordan et al.	
77	20070084795	2007-04-19	Jordan	
78	20070108125	2007-05-17	Cho et al.	
79	20070138090	2007-06-21	Jordan et al.	
80	20070170112	2007-07-26	Elefritz et al.	

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81	20070181496	2007-08-09	Zuback	
82	20070227973	2007-10-04	Zha et al.	
83	20080053923	2008-03-06	Beck et al.	
84	20080093297	2008-04-24	Gock et al.	
85	20080156745	2008-07-03	Zha et al.	
86	20080179249	2008-07-31	Beck et al.	
87	20080190846	2008-08-14	Cox et al.	
88	20080203017	2008-08-28	Zha et al.	
89	20080257822	2008-10-23	Johnson	
90	20080277340	2008-11-13	Hong et al.	
91	20090001018	2009-01-01	Zha et al.	

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92	20090223895	2009-09-10	Zha et al.	
93	20100000941	2010-01-07	Muller	
94	20100025320	2010-02-04	Johnson	
95	20100170847	2010-07-08	Zha et al.	
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98	20110100907	2011-05-05	Zha et al.	
99	20110114557	2011-05-19	Johnson et al.	

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	1	34400/84	AU	A	1985-04-23	Memtec Ltd		<input type="checkbox"/>

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2	55847/86	AU	A	1986-09-24	Memtec Ltd		<input type="checkbox"/>
3	762091	AU	B2	2003-06-19	Us Filter Wastewater Group Inc		<input type="checkbox"/>
4	77066/87	AU	A	1988-02-10	Memtec Ltd		<input type="checkbox"/>
5	1050770	CN		1995-01-25	Rotem Ind. Ltd.	Abstract only	<input checked="" type="checkbox"/>
6	1159769	CN	A	1997-09-17	Memtec Ltd	Abstract only	<input checked="" type="checkbox"/>
7	1249698	CN	A	2000-04-05	Usf Filtration & Separations	Abstract only	<input checked="" type="checkbox"/>
8	1541757	CN	A	2004-11-03	Univ Shanghai Jiaotong	Abstract only	<input checked="" type="checkbox"/>
9	2204898Y	CN	Y	1995-08-09	Lu Qiao	Abstract only	<input checked="" type="checkbox"/>
10	2236049Y	CN	Y	1996-09-25	Zhang Lijun	Abstract only	<input checked="" type="checkbox"/>
11	10209170	DE	C1	2003-08-07	Chmiel, Horst	Abstract only	<input checked="" type="checkbox"/>
12	19503060	DE	A1	1996-08-08	Henkel Ecolab Gmbh & Co Ohg	Abstract only	<input checked="" type="checkbox"/>

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13	29804927	DE	U1	1998-06-10	Rochem Ro Wasserbehandlung Gmb	Abstract only	<input checked="" type="checkbox"/>
14	29906389	DE	U1	1999-06-17	Cramer Weberei Heek Nienborg G	Abstract only	<input checked="" type="checkbox"/>
15	3904544	DE	A1	1990-08-16	Fraunhofer Ges Forschung	Abstract only	<input checked="" type="checkbox"/>
16	4113420	DE	A1	1992-10-29	Bayer Ag	Abstract only	<input checked="" type="checkbox"/>
17	4117281	DE	A1	1992-01-02	Bitterfeld Wolfen Chemie	Abstract only	<input checked="" type="checkbox"/>
18	4117422	DE	C1	1992-11-12	Dettinger,, Willi, Prof. Dr.- ing., 7432 Bad Urach,	Abstract only	<input checked="" type="checkbox"/>
19	012557	EP	B1	1983-02-16	Abcor Inc		<input type="checkbox"/>
20	0464321	EP	A1	1992-01-08	Perdomini Spa		<input type="checkbox"/>
21	050447	EP	B1	1985-10-02	Asahi Glass Co Ltd		<input type="checkbox"/>
22	090383	EP	B1	1990-05-23	Hir Texttron Inc		<input type="checkbox"/>
23	1034835	EP	A1	2000-09-13	Biothane Systems Int Bv		<input type="checkbox"/>

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24	1052012	EP	A1	2000-11-15	Asahi Chemical Ind		<input type="checkbox"/>
25	1236503	EP	B1	2004-08-25	Solvay Solexis Spa		<input type="checkbox"/>
26	126714	EP	A2	1984-11-28	Christ Ag	Abstract only	<input checked="" type="checkbox"/>
27	1349644	EP	B1	2003-10-08	Siemens Water Technologies Corp.	Full translation	<input checked="" type="checkbox"/>
28	1350555	EP	A1	2003-10-08	Toray Industries		<input type="checkbox"/>
29	1420874	EP	B1	2011-01-19	Us Filter Wastewater Group Inc		<input type="checkbox"/>
30	1445240	EP		2004-08-11	Zenon Environmental Inc.		<input type="checkbox"/>
31	1659171	EP	A1	2006-05-24	Kobeeco Eco Solutions Co Ltd		<input type="checkbox"/>
32	194735	EP	A2	1986-09-17	Droni, Mordeki		<input type="checkbox"/>
33	250337	EP	A1	1987-12-23	Rhone Poulenc Rech	Abstract only	<input checked="" type="checkbox"/>
34	280052	EP	B1	1994-07-27	Dongbei Power College		<input type="checkbox"/>

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35	327025	EP	A1	1989-08-09	Sartorius GmbH	Abstract only	<input checked="" type="checkbox"/>
36	344633	EP	A1	1989-12-06	Organo Kk		<input type="checkbox"/>
37	395133	EP	B1	1995-02-01	X Flow Bv		<input type="checkbox"/>
38	407900	EP	A2	1991-01-16	Akzo Nv	Abstract only	<input checked="" type="checkbox"/>
39	430082	EP	B1	1996-06-19	Millipore Corp		<input type="checkbox"/>
40	463627	EP	A2	1992-01-02	Bitterfeld Wolfen Chemie	Abstract only	<input checked="" type="checkbox"/>
41	492446	EP	B1	1995-11-29	Dow Chemical Co		<input type="checkbox"/>
42	492942	EP	A2	1992-07-01	Amoco Corp		<input type="checkbox"/>
43	518250	EP	B1	1992-12-16	Pall Corp		<input type="checkbox"/>
44	547575	EP	A1	1993-06-23	Permea Inc		<input type="checkbox"/>
45	627255	EP	B1	1999-01-13	Rochem Ind Ltd et al.		<input type="checkbox"/>

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46	662341	EP	A1	1995-07-12	Kubota Kk		<input type="checkbox"/>
47	734758	EP	A1	1996-10-02	Mitsui Petrochemical Ind		<input type="checkbox"/>
48	763758	EP	A1	1997-03-19	Seiko Giken Kk		<input type="checkbox"/>
49	824956	EP	A2	1998-02-25	Essep Corp		<input type="checkbox"/>
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	2	ALMULLA et al., Desalination, 153 (2002), pp. 237-243	<input type="checkbox"/>
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	4	COTE et al., Wat. Sci. Tech. 38(4-5) (1998), pp. 437-442.	<input type="checkbox"/>

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5	Cote, et al. "A New Immersed Membrane for Pretreatment to Reverse Osmosis" Desalination 139 (2001) 229-236.	<input type="checkbox"/>
6	CRAWFORD et al., "Procurement of Membrane Equipment: Differences Between Water Treatment and Membrane Bioreactor (MBR) Applications" (2003).	<input type="checkbox"/>
7	DAVIS et al., Membrane Technology Conference, "Membrane Bioreactor Evaluation for Water Reuse in Seattle, Washington" (2003).	<input type="checkbox"/>
8	DeCAROLIS et al., Membrane Technology Conference, "Optimization of Various MBR Systems for Water Reclamation" (2003).	<input type="checkbox"/>
9	Delgrange-Vincent, N. et al., Desalination 131 (2000) 353-362.	<input type="checkbox"/>
10	Dow Chemicals Company, "Filtrec Membranes - Cleaning Procedures for Filtrec FT30 Elements," Tech Facts, Online, June 30, 2000, XP002237568.	<input type="checkbox"/>
11	HUSAIN, H. et al., "The ZENON experience with membrane bioreactors for municipal wastewater treatment," MBR2: Membr. Bioreact. Wastewater Treat., 2nd Intl. Meeting; School of Water Sciences, Cranfield University, Cranfield, UK, June 1999.	<input type="checkbox"/>
12	JOHNSON, "Recent Advances in Microfiltration for Drinking Water Treatment," AWWA Annual Conference, June 20-24, 1999, Chicago, Illinois, entire publication.	<input type="checkbox"/>
13	JONES, Craig, "Applications of Hydrogen Peroxide and Derivatives," The Royal Society of Chemistry, Cambridge, UK 1999 Chapters 2 and 5	<input type="checkbox"/>
14	KAIYA et al., "Water Purification Using Hollow Fiber Microfiltration Membranes," 6th World Filtration Congress, Nagoya, 1993, pp 813-816.	<input type="checkbox"/>
15	Kang et al. "Characteristics of microfiltration membranes in a membrane coupled sequencing batch reactor system" Water Research, Elsevier, Amsterdam, NL, vol. 37, no. 5, March 2003.	<input type="checkbox"/>

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16	LLOYD, D.R. et al. "Microporous Membrane Formation Via Thermally Induced Phase Separation/Solid-Liquid Phase Separation" Journal of Membrane Science (09/15/1990), pages 239-261, Vol. 52, No. 3, Elsevier Scientific Publishing Company, Amsterdam, NL.	<input type="checkbox"/>
17	LOZIER et al., "Demonstration Testing of ZenoGem and Reverse Osmosis for Indirect Potable Reuse Final Technical Report," published by CH2M Hill, available from the National Technical Information Service, Operations Division, January 2000, entire publication.	<input type="checkbox"/>
18	Mark et al., "Peroxides and Peroxy Compounds, Inorganic" Kirk - Othmer Encyclopedia of Chemical Technology, Peroxides and Peroxy Compounds, Inorganic, To Piping Systems, New York, Wiley & Sons, Ed., January 1, 1978, pages 14-18.	<input type="checkbox"/>
19	MicroCTM -Carbon Source for Wastewater Denitrification. Information from Environmental Operating Solutions website including MSDS.	<input type="checkbox"/>
20	NAKAYAMA, "Introduction to Fluid Mechanics," Butterworth-Heinemann, Oxford, UK, 2000.	<input type="checkbox"/>
21	RAMASWAMMY S. et al. "Fabrication of Poly (ECTFE) Membranes via thermally induced phase Separation", Journal of Membrane Science, (12-01-2002), pages 175-180, Vol. 210 No. 1, Scientific Publishing Company, Amsterdam, NL.	<input type="checkbox"/>
22	ROSENBERGER et al., Desalination, 151 (2002), pp. 195-200.	<input type="checkbox"/>
23	U.S. Provisional Application 60/278,007 filed March 23, 2001.	<input type="checkbox"/>
24	UEDA et al., "Effects of Aeration on Suction Pressure in a Submerged Membrane Bioreactor," Wat. Res. Vol. 31, No. 3, 1997, pp 489-494.	<input type="checkbox"/>
25	Water Encyclopedia, edited by Jay Lehr, published by John Wiley & Sons, Inc., Hoboken, New Jersey, 2005. Available at http://www.mmw.interscience.wiley.com/eow/ .	<input type="checkbox"/>
26	Webster's Ninth New Collegiate Dictionary, Merriam-Webster Inc., Publishers, Springfield, Massachusetts, USA, Copyright 1986, p. 1298.	<input type="checkbox"/>

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27	WHITE et al., The Chemical Engineering Journal, 52 (1993), pp. 73-77.	<input type="checkbox"/>
28	Wikipedia, "Seawater," available at http://en.wikipedia.org/wiki/Seawater , July 15, 2007.	<input type="checkbox"/>
29	Yamamoto et al., Water Science Technology, Vol. 2, pages, 43-54; 1989.	<input type="checkbox"/>
30	Yoon: "Important operational parameters of membrane bioreactor-sludge disintegration (MBR-SD) system for zero excess sludge production" Water Research, Elsevier, Amsterdam, NL, vol. 37, no. 8, April 2003.	<input type="checkbox"/>
31	ZENON, "Proposal for ZeeWeed® Membrane Filtration Equipment System for the City of Westminster, Colorado, Proposal Number 479-99," March 2000, entire publication.	<input type="checkbox"/>

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Signature	/Sandra Szela Congdon/	Date (YYYY-MM-DD)	2011-09-16
Name/Print	Sandra Szela Congdon	Registration Number	60655

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